100

41075W Contd

11-A2, J2	U-shape	nter edge	oncentric
10/12 10/06/72 31-A2, J2 CH :562-046	10.08.72-CH-011827 (10.05.75) 8014-03/22	belie cap plate or	00
	-03/22	for slows or but	ore.
	6.05.75) BOID	to technique	exchange call
	CHOINEZ7 (A)	by and coalin	distinction or
ANDVANCES	10.00.72	The state	Continues oc.

Column, e.g. for distillation, mass or heat exchange, a verttaining a greater pressure in the tube than that in the column ical cylinder with removable separating plates, connected in gas- and liquid - tight manner with the cylinder shell, has a each plate, and a system is provided for producing and maintube or deformable cross section installed along the edge of in such a way that each tube is pressed tightly against the cylinder shell and the edge of the intermediate plate.

ADVANTAGES

The arrangement permits the plates to be easily removed and replaced with a minimum of labour while ensuring that the sealing of the plates against the column wall can be reestablished without difficulty.

PREFERRED EMBODIMENT

The vertical column (1) is provided with a series of sieve lie! to the column axis, but spaced from the column shell (1), and welded to a common air pipe (8) running within and para or bubble-cap plates (2) connected together by supports (7)

the whole plate assembly may be lifted out, e.g. for cleaning. the plates, it is only necessary to release the pressure when projects from and a major part lies within the ring (4). The shell (1) to form a gas- and liquid- tight seal. To dismantle : with the column and of greater cross section that greater than the pressure in the column (1), the outer parts lock nut (12). By maintaining a pressure in the air pipe (8) d ring member (4) open outwardly is fixed to the tube is retained in position by a pipe (9) and the flange (11) of a connecting pipe (10), by means of the coupling (13) and (6) of the flexible tubes (6) are pressed against the column the U-shaped ring (4), in such a way that a minor part (6) (3) of the plate (2) and contains a tubular ring